

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/002711 A1

(51) International Patent Classification⁷: **B01D 50/00**,
C10G 11/18, B01D 45/16

John, Hawkins [NL/NL]; Badhuisweg 3, NL-1031 CM
Amsterdam (NL).

(21) International Application Number:
PCT/EP2004/051345

(22) International Filing Date: 2 July 2004 (02.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03077101.8 3 July 2003 (03.07.2003) EP

(71) Applicant (for all designated States except US): **SHELL
INTERNATIONALE RESEARCH MAATSCHAPPIJ
B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR
The Hague (NL).

(72) Inventor; and

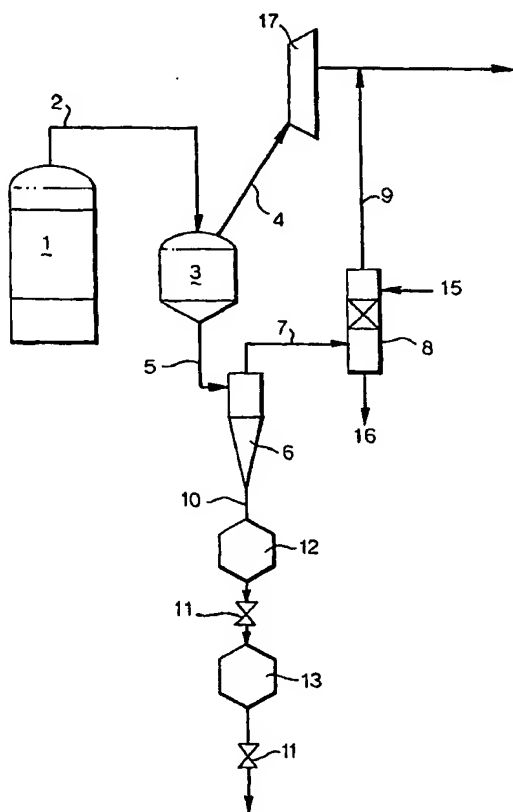
(75) Inventor/Applicant (for US only): **BORLEY, Martin**,

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: PROCESS TO SEPARATE SOLIDS FROM A SOLIDS LADEN GASEOUS FLOW



(57) Abstract: Process to separate solids from a solids laden gaseous flow (2) containing more than 100 mg/Nm³ solids by performing the following steps: (a) separating solids from the gaseous flow using a gas-solids separator (3) resulting in a gaseous flow (4) containing less than 50 mg/Nm³ solids and an underflow (5) comprising the separated solids and part of the gaseous flow as fed to the gas-solids separator (3); (b) separating part of the solids from the underflow (5) in a cyclone (6) wherein solids (10) and a gaseous flow (7) containing still some solids are obtained; and (c) contacting the gaseous flow (7) obtained in step (b) with water (15) to separate the solids and obtain a gaseous flow (9) containing between 0 and 50 mg/Nm³ solids; and (d) combining the gaseous flows which are poor in solids as obtained in step (c) and as obtained in step (a).



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*